GARMIN®

2006 Marine Catalogue

What is GPS? The Global Positioning System (GPS) is a satellite-based navigation system made up of a network of 24 satellites placed into orbit by the U.S. Department of Defence. GPS works in any weather conditions, anywhere in the world, 24 hours a day. There are no subscription fees or setup charges to use GPS.

How GPS works? GPS satellites circle the earth twice a day in a very precise orbit and transmit signal information to earth. This information is then used to provide precise positioning information to a GPS unit. A GPS receiver must be locked onto at at least three satellites to calculate a 2D position (latitude and longitude) and at least four satellites to calculate a 3D position (altitude, longitude & altitude). Once a position has been established, it is then possible to receive a variety of information including speed, distance to destination and much more.

Handheld GPS

07. Foretrex 101/201
09. eTrex Legend Cx/Vista Cx
11. eTrex
13. GPS 72/76
15. GPSMAP 76/76S
17. GPSMAP 76Cx/76SCx
19. GPS 60/GPSMAP 60
21. GPSMAP 60Cx/60CSx

BlueChart g2

22. BlueChart g2

Chartplotters/Fixed GPS

27. GPSMAP 276C
29. GPSMAP 172/172C
31. GPSMAP 178/178C Sounders
33. GPSMAP 292/298C Sounder
35. GPSMAP 2106C/2110C
37. GPS 152

World Leaders in GPS Navigation

Marine Catalogue 2006

BlueChart

36. BlueChart

Marine Network

41. GPSMAP 3006/3010
43. GPSMAP 3005
45. GMR 20/40
47. GMS 10
49. GSD 21/22

Fishfinders

55. Fishfinder 90/140
57. Fishfinder 160C
59. Fishfinder 250/250C
61. Fishfinder 340C
63. Sonar Technology

Accessories/Comparisons

64. Accessories
67. Comparison Charts

HandHeld GPS

Rugged, waterproof and ready for adventure, Garmin's mariner-friendly GPS handhelds put a world of navigation at your fingertips. Whether you're on the water, on the road, or on the trail, these compact portable units make the going great – with exceptional accuracy and simple, intuitive operation. Thanks to their parallel multi-channel design, the Garmin receivers can acquire and track up to 12 GPS satellites for continuous position updates. From basic pocket-sized units that let you mark and return to waypoints, to more advanced receivers that can display detailed marine cartography in vivid, sunlight-readable colour, Garmin handhelds are the most versatile guidance systems ever to fit in the palm of your hand.

Hands-free personal GPS
for navigation on land or sea
Photo by: Ingrid Abery/www.hotcapers.com

Foretrex 101/201

- Wrist-mounted GPS receivers
- Ideal for sailing, kayaking, windsurfing, or other watersports
- Trip computer calculates trip distance, trip time, current speed, average speed, resetable maximum speed, and more
- 500 waypoints/20 reversible routes
- Automatic track log saves up to 10 tracks to retrace your path
- Racing timers
- Size: 8.38 cm W x 4.32 cm H
- 101 - two AAA batteries
- 201 - rechargeable lithium-ion battery
- 201 - PC interface capabilities

Trip computer

Timer page

GOTO feature

Package Includes:

Foretrex 201, Wrist strap, Expandable strap, A/C desktop charger with pc interface cable, Quick start guide, Owner's manual
Foretrex 101, Wrist strap, Expandable strap, Quick start guide, Owner's manual

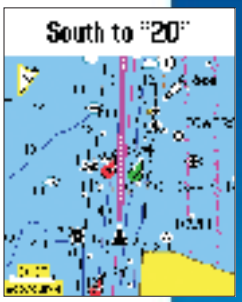
submersible IEC 60529 IPX7

WAAS EGNOS enabled

Expandable memory to expand
your adventure

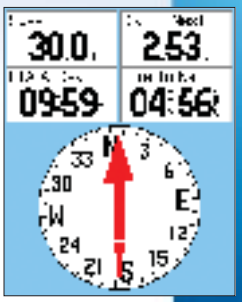
eTrex Legend Cx/Vista Cx

- Sunlight-readable colour displays
- Rockerpad for one-hand operation
- Built-in basemap with automatic routing capability
- 32 MB microSD memory card for BlueChart® Marine Cartography or City Navigator® street level mapping
- High-speed mini-USB port
- 500 waypoints/50 routes
- Track log: 10,000 trackpoints
- Turn-by-turn directions (with optional automotive navigation kit)
- Size: 5.59 cm W x 10.67 cm H
- Weighs only 155 grams
- 36 hours use on two AA batteries
- Vista Cx - Features Electronic Compass & Barometric Altimeter



Bluechart map

City Navigator detail



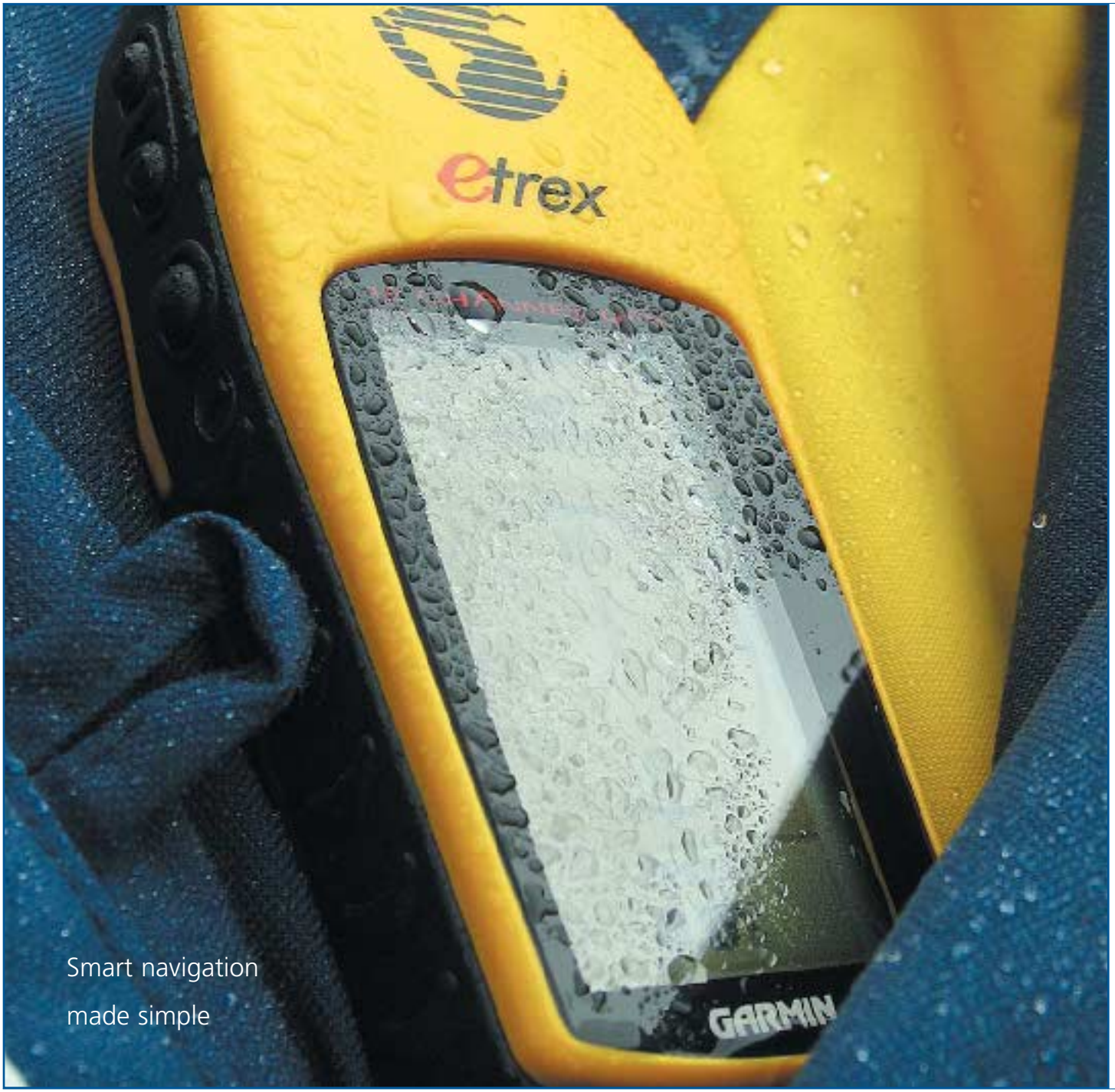
Compass

Package Includes:

eTrex Legend C/Vista C, 32 MB microSD card, MapSource® Trip & Waypoint Manager CD, PC/USB interface cable, Wrist strap, Quick reference guide, Owner's manual

BlueChart® compatible

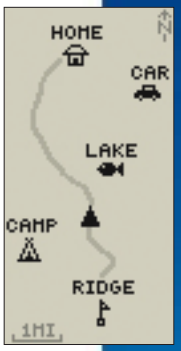
submersible IEC 60529 IPX7



Smart navigation
made simple

eTrex®

- Rugged, waterproof case in high-visibility yellow
- Ergonomic design, easy to operate with one hand
- 500 waypoints and 20 routes
- Automatic track log; saves 10 tracks to retrace your path
- Multiple map zoom levels
- Supports up to 14 text languages
- Only 150 grams with batteries
- Up to 22 hours use on two "AA" batteries
- Size: 5.1 cm W x 11.2 cm H



Map

Mark Waypoint

Compass

Package Includes:

eTrex, Wrist strap, User's guide, Quick reference guide

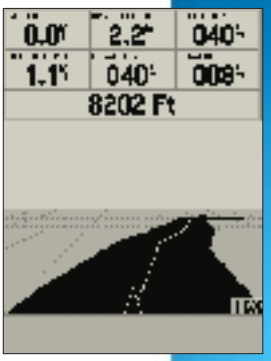
submersible
IEC 60529 IPX7

Precise GPS positioning
at an affordable price

GPS 72/76

- Navigation on land or sea
- Waterproof and it floats!
- Marine database. Preloaded with worldwide cities & navaids
- 72 - 120 x 160 pixels display
- 72 - 180 x 240 pixels display
- 500 waypoints and 50 routes
- Automatic track log
- Trip computer
- "Large numbers" viewing option
- Size: 6.9 cm W x 15.7 cm H
- 72 - 16 hours use on two AA batteries – 225 g (w/ batteries)
- 76 - external antenna connection, can easily be used below deck

Map screen



3D highway

Compass

Package Includes:

GPS 72, Wrist strap, Quick start guide, Owner's manual
GPS 76, PC interface cable, Wrist Strap, Quick start guide, Owner's manual

submersible IEC 60529 IPX7

WAAS EGNOS enabled

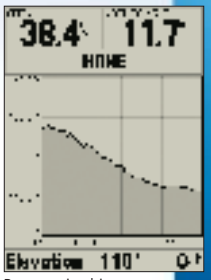
Unsinkable performance
meets unbeatable price

GPSMAP 76/76S

- Waterproof and it floats!
- Accepts MapSource® MetroGuide® & BlueChart® data
- Detailed basemap with cities, motorways, roads, exits, rivers & lakes
- 180 x 240 pixels display
- 1000 waypoints and 50 routes
- Tidal data from BlueChart® CD-ROM for selected European countries
- External antenna option
- Size: 6.9 cm W x 15.7 cm H
- 76 - 16 hours use on two AA batteries, 8 MB internal memory
- 76S - Electronic Compass & Barometric Altimeter; 24 MB memory

BlueChart detail

CitySelect street detail



Barometric altimeter

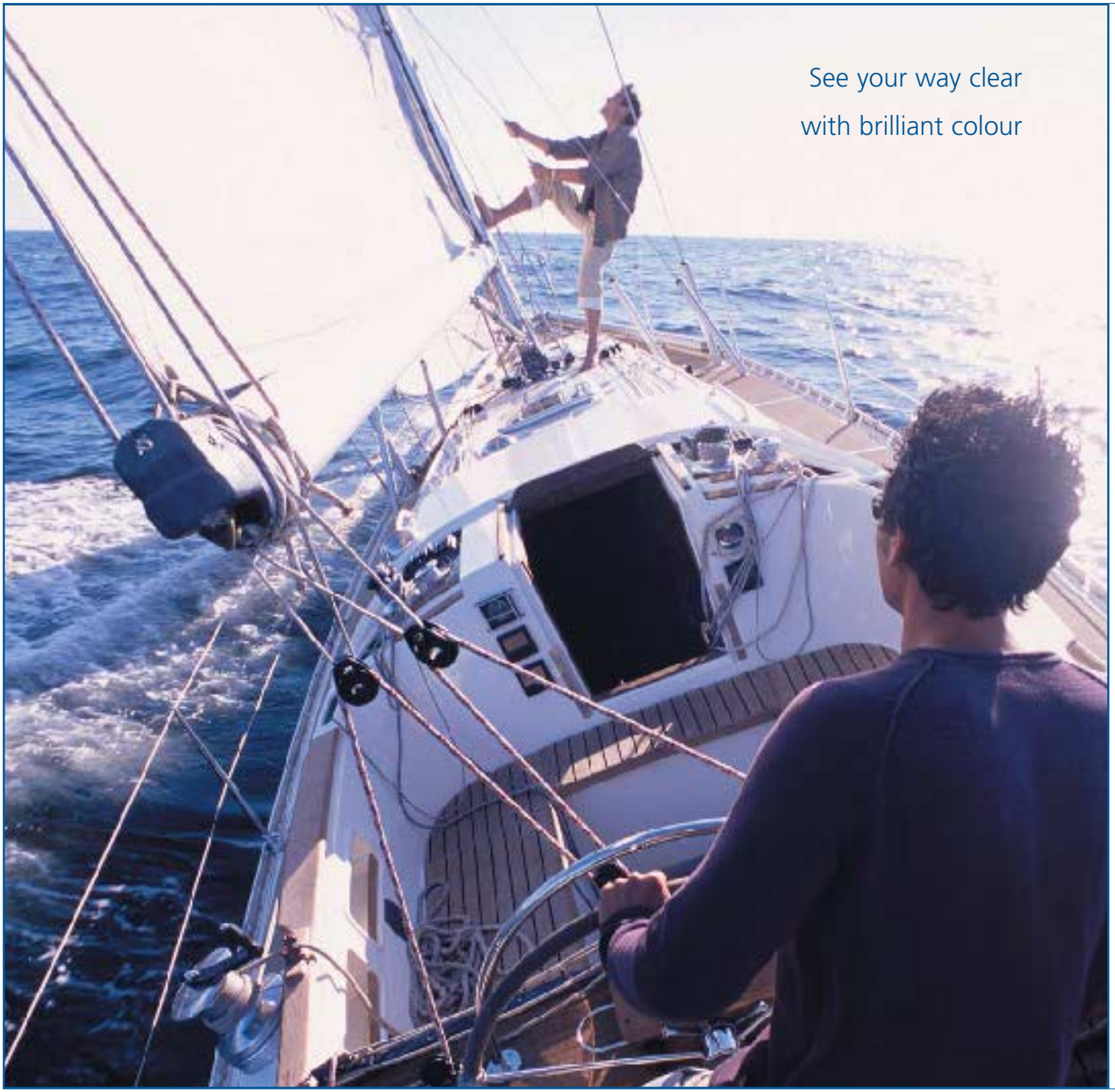
Package Includes:

GPSMAP 76/76S, PC interface cable, Wrist Strap, Quick start guide, Owner's manual

BlueChart® compatible

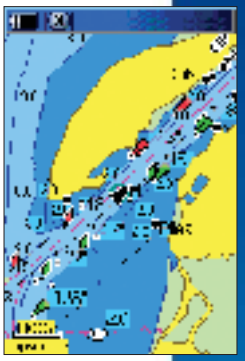
submersible IEC 60529 IPX7

WAAS EGNOS enabled

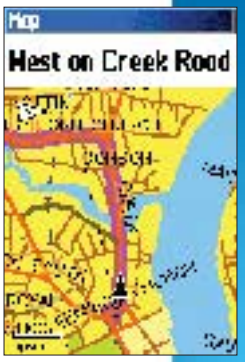

See your way clear
with brilliant colour

GPSMAP 76Cx/76CSx

- 128 MB of expandable memory on MicroSD card for BlueChart® marine cartography or City Navigator NT street level mapping
- Brilliant sunlight-readable TFT colour displays
- Waterproof and it floats!
- High-sensitivity GPS receiver
- 1,000 waypoints and 50 routes
- Turn-by-turn guidance (with optional automotive navigation kit)
- Size: 6.9 cm W x 15.7 cm H
- 30 hours use on two AA batteries
- 76CSx - Electronic Compass & Barometric Altimeter sensor



BlueChart detail



City Select street detail

Main menu

Package Includes:

GPSMAP 76Cx/76CSx, 128 MB microSD card, MapSource® Trip & Waypoint Manager CD, PC/USB interface cable, Lanyard, Quick start guide, Owner's manual

BlueChart® compatible

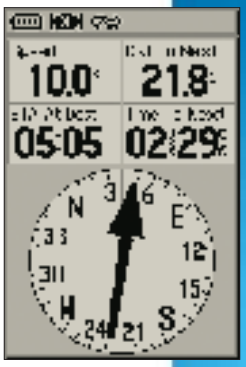
submersible IEC 60529 IPX7

On trails, roads or water,
you'll always know the way.

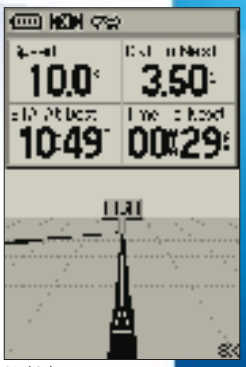
GPS 60/GPSMAP 60

- Rugged, waterproof case
- 28 hours use on two AA batteries
- GPS 60 – 1 MB internal memory with preloaded worldwide cities
- GPSMAP 60 – 24 MB internal memory for City Navigator® and BlueChart® detailed maps
- Turn-by-turn guidance (with optional automotive navigation kit) GPSMAP 60 only
- Built-in quad helix antenna with remote antenna capability
- Trip computer
- 1,000 waypoints/50 routes
- 10,000 Track Points
- Serial and USB interfaces
- Weighs 153 g
- Size: 6.1 cm W x 15.5 cm H

BlueChart detail



Compass screen

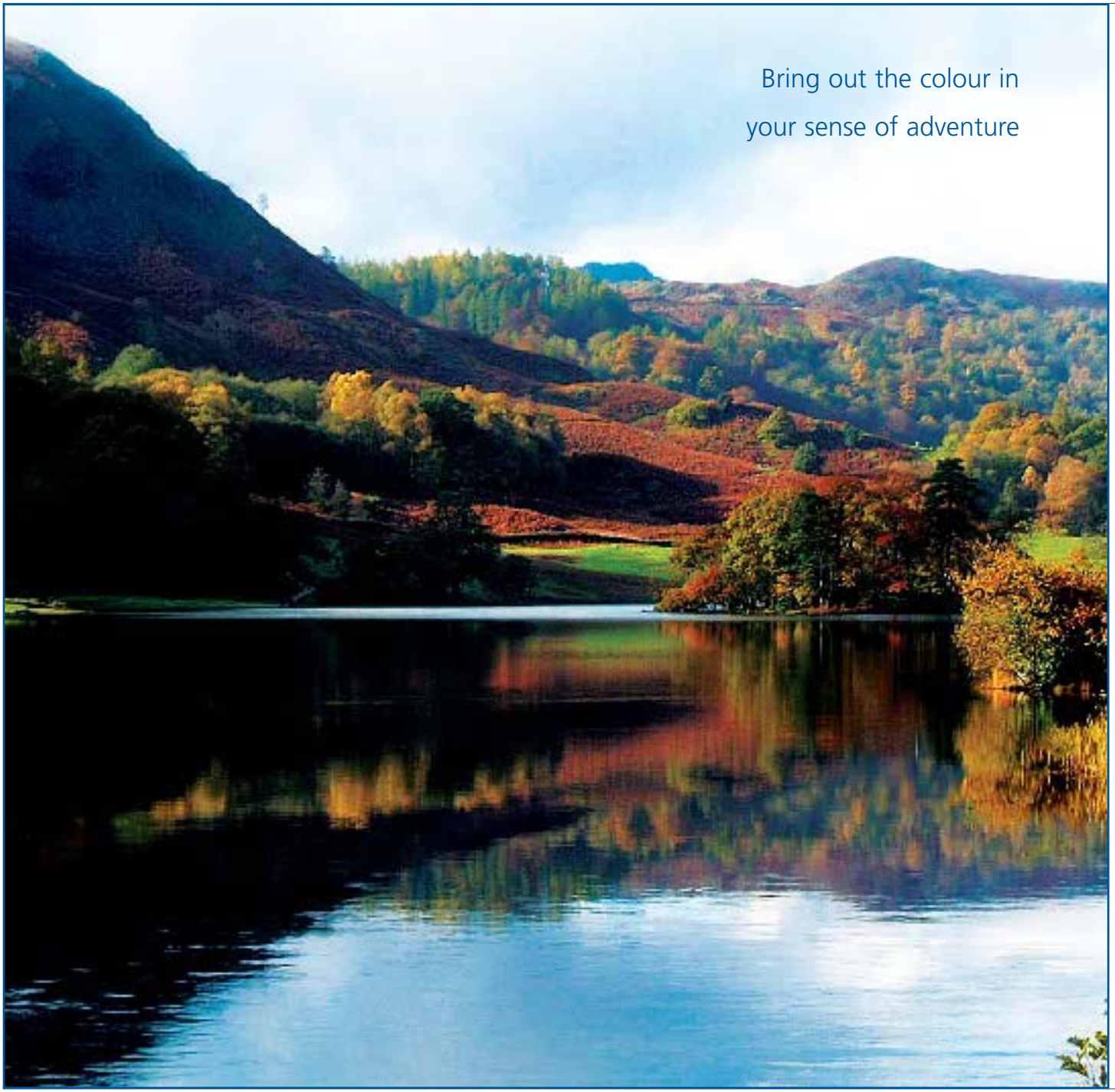


3D highway

Package Includes:

GPS 60, PC/USB interface cable, Wrist Strap, Belt clip with button, Quick start guide, Owner's manual, GPSMAP 60, Atlantic Recreational basemap, MapSource® Trip & Waypoint Manager CD, PC/USB interface cable, Wrist strap, Belt clip with button, Quick start guide, Owner's manual

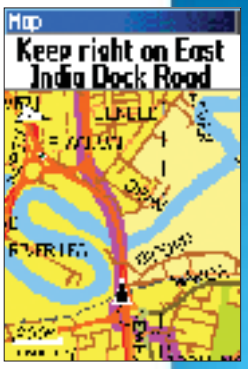
BlueChart® compatible
submersible IEC 60529 IPX7
WAAS EGNOS enabled


Bring out the colour in
your sense of adventure

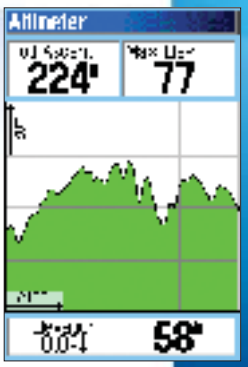
GPSMAP 60Cx/60CSx

- 64 MB of expandable memory on MicroSD card forBlueChart® marine cartography or City Navigator NT street level mapping
- Sunlight-readable TFT colour displays (160 x 240 pixels)
- High-sensitivity GPS receiver
- 1,000 waypoints/50 routes
- Turn-by-turn guidance (with optional automotive navigation kit)
- Rugged, waterproof case
- Size: 6.1 cm W x 15.5 cm H
- 60CSx - Electronic Compass & Barometric Altimeter

BlueChart detail



Street detail



Altimeter

Package Includes:

GPSMAP 60Cx/60CSx, 64 MB microSD card, Atlantic Recreational basemap, MapSource® Trip & Waypoint Manager CD, PC/USB interface cable, Lanyard, Belt clip, Quick start guide, Owner's manual

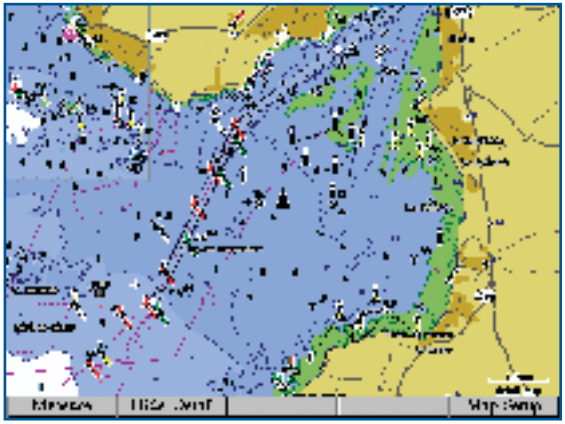
BlueChart® compatible

submersible IEC 60529 IPX7

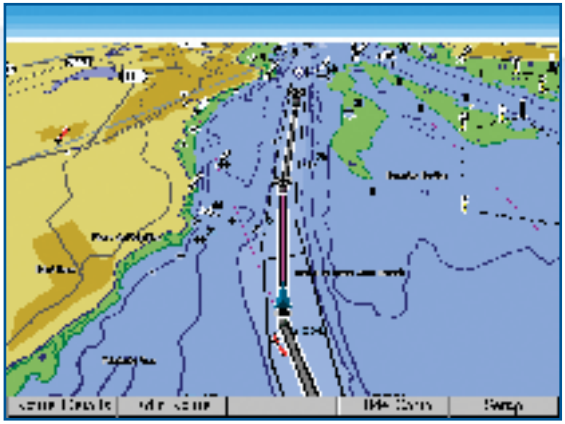
BlueChart g2

Exceptional chartplotters deserve the best in cartography. And now, Garmin has made the best even better. BlueChart® g2 is here. And it's compatible with many of the new Garmin chartplotters listed in this catalogue. The new-generation g2 version of BlueChart features smoother layering and better integration of map graphics, for easy panning, scrolling and zooming. It features richer colours and shading for easier interpretation and improved visibility. It adds more detail on land features, coastal roadways, marine services and municipal areas. It offers improved IALA navaid symbology. And, best of all, it features a choice of new 3D "mariner's-eye-view" map perspective, or the familiar 2D direct-overhead view – to make chart reading and orientation easier. Like all BlueChart cartography, the new g2 version is styled to match the appearance of paper charts, when displayed on your Garmin chartplotter. Features include shading between depth contours, spot soundings, navaids, port plans, wrecks, obstructions, intertidal zones, restricted areas and more. BlueChart cartography is object-oriented, which means you can pan to an object on the map and instantly view information about that point.

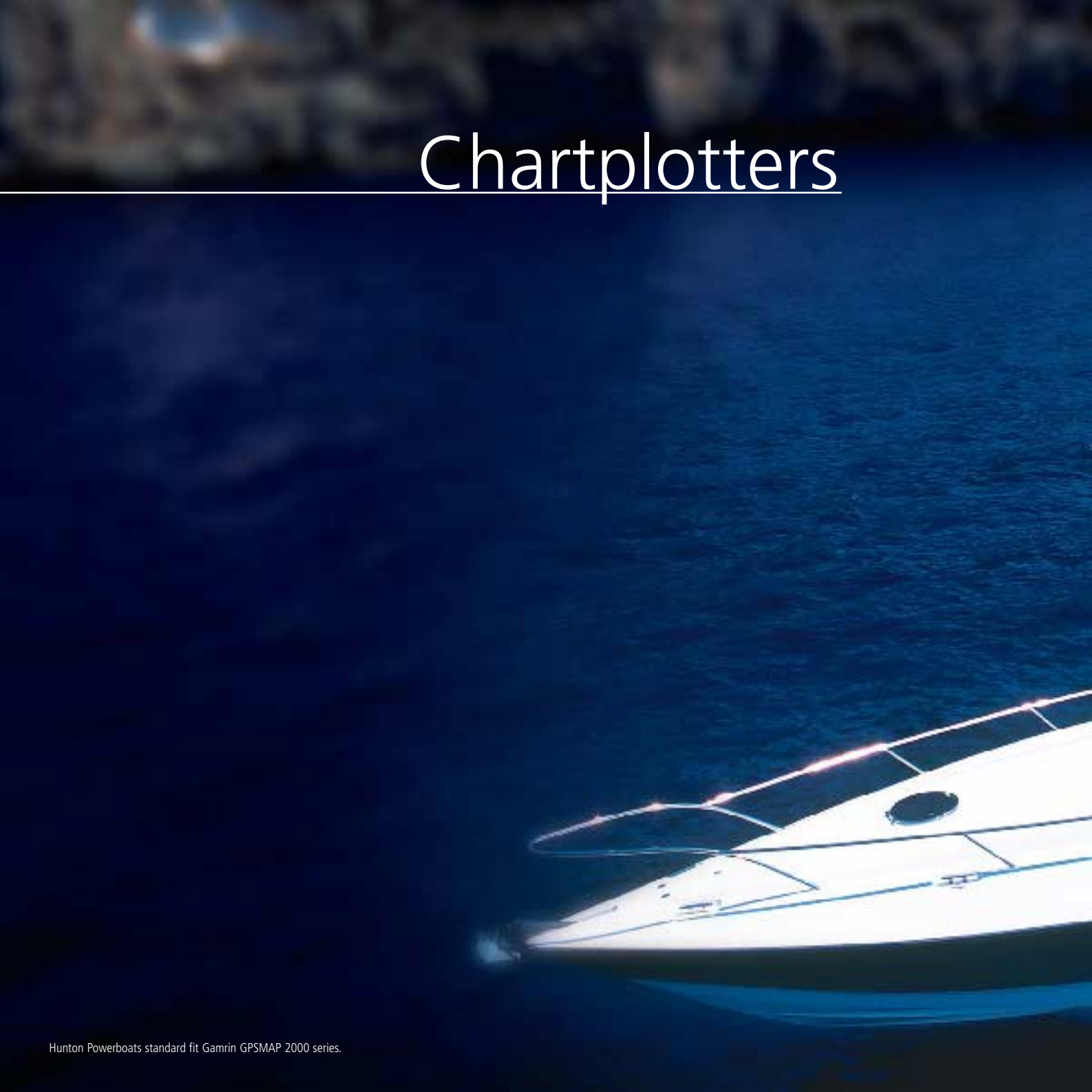
With BlueChart cartography, map areas are shaded like those on paper charts, allowing you to instantly identify intertidal zones, depth contours and more.



Enhanced BlueChart® g2 marine cartography lets you visualise map details in 3D perspective, similar to the view from the helm of your boat.



Chartplotters



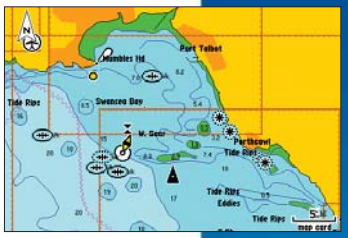
Hunton Powerboats standard fit Gamrin GPSMAP 2000 series.

Whether it's inland waters or open seas, deep blue, murky green or crystal clear - wherever you venture onto open water, you'll find Garmin chartplotters guiding the way.With easy-to-use menu formats and crisp, high-resolution displays, these rugged GPS navigators can pinpoint your location anywhere in the world. Their built in basemaps provide accurate coastline reference - which gets even better with available BlueChart and new BlueChart g2 marine detailed cartography. For guidance, safety and situational awareness, you simply can't go wrong with a Garmin onboard.

On deck or on dash,
one navigator fits all.

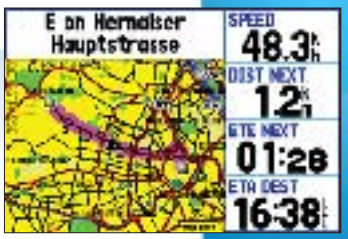
GPSMAP 276C

- Dual use chartplotter/in-car navigator
- Accepts BlueChart marine cartography and City Navigator street level mapping
- Receive tidal data with BlueChart cartography
- Turn-by-turn guidance with voice prompts (with optional automotive navigation kit)
- Rechargeable lithium-ion battery - up to 15 hours life
- 3000 waypoints & 50 routes
- Sunlight readable colour TFT display
- Size: 14.5cm W x 8.1cm H



BlueChart detail

Split screen



Street detail

Package Includes:

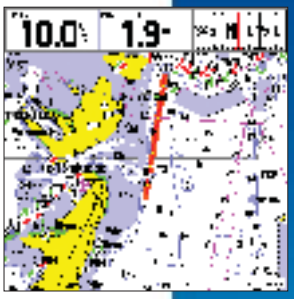
GPSMAP 276C, USB-PC interface cable, Power/data cable, Marine mount, Rechargeable lithium battery pack, AC adapter, Trip & Waypoint Manager CD, Manual, Quick-start guide

BlueChart® compatible | submersible IEC 60529 IPX7 | WAAS EGNOS enabled

Value enhanced chartplotters,
available in greyscale or colour
© Hunton Powerboats 2006

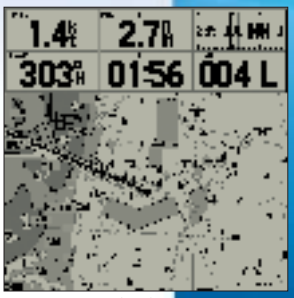
GPSMAP 172/172C

- Choose greyscale (172) or brilliant colour CFTN display (172C) on big 11.5 cm diagonal screen
- 200 MHz microprocessors for fast pan, zoom and map redraw rates
- Rocker keypad design affords true one-hand operation
- Accepts MapSource® BlueChart® cartography for detailed depth contours, inter-tidal zones, navaids, and other points of interest
- Compatible with DSC radios
- Waterproof to IPX7 standards
- 320 x 320 pixels
- Size: 12.25 cm W x 15.7 cm H



BlueChart detail

Points of Interest info



BlueChart detail (172)

Package Includes:

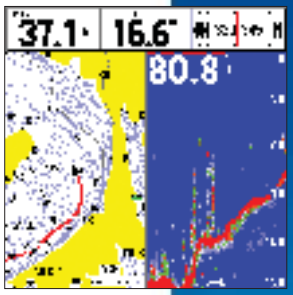
GPSMAP 172/172C with built-in Worldwide Marine basemap, Remote antenna with 30' cable or integrated GPS sensor, Power/data cable, Surface-mount bracket, User's manual, Quick-start guide

BlueChart® compatible
submersible IEC 60529 IPX7
WAAS EGNOS enabled

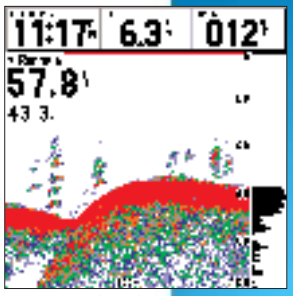
A winning combination
of plotter and sounder

GPSMAP 178/178C Sounders

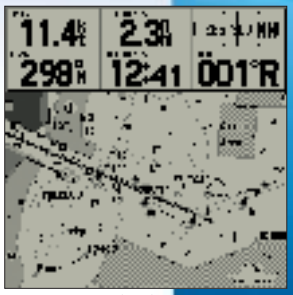
- Exceptional greyscale (178) or brilliant colour CFTN display (178C) on big 11.5 cm diagonal screen
- 200 MHz microprocessors for fast pan, zoom and map redraw rates
- Accepts BlueChart® cartography for depth contours, inter-tidal zones, navaids, and other points of interest
- Dual- or single-frequency sounder
- 500-watts (RMS) of transmit power – dual frequency
- Exclusive See-Thru® technology
- Compatible with DSC radios
- 320 x 320 pixels
- Size: 12.25 cm W x 15.7 cm H



Split screen (178C)



Sonar screen (178C)



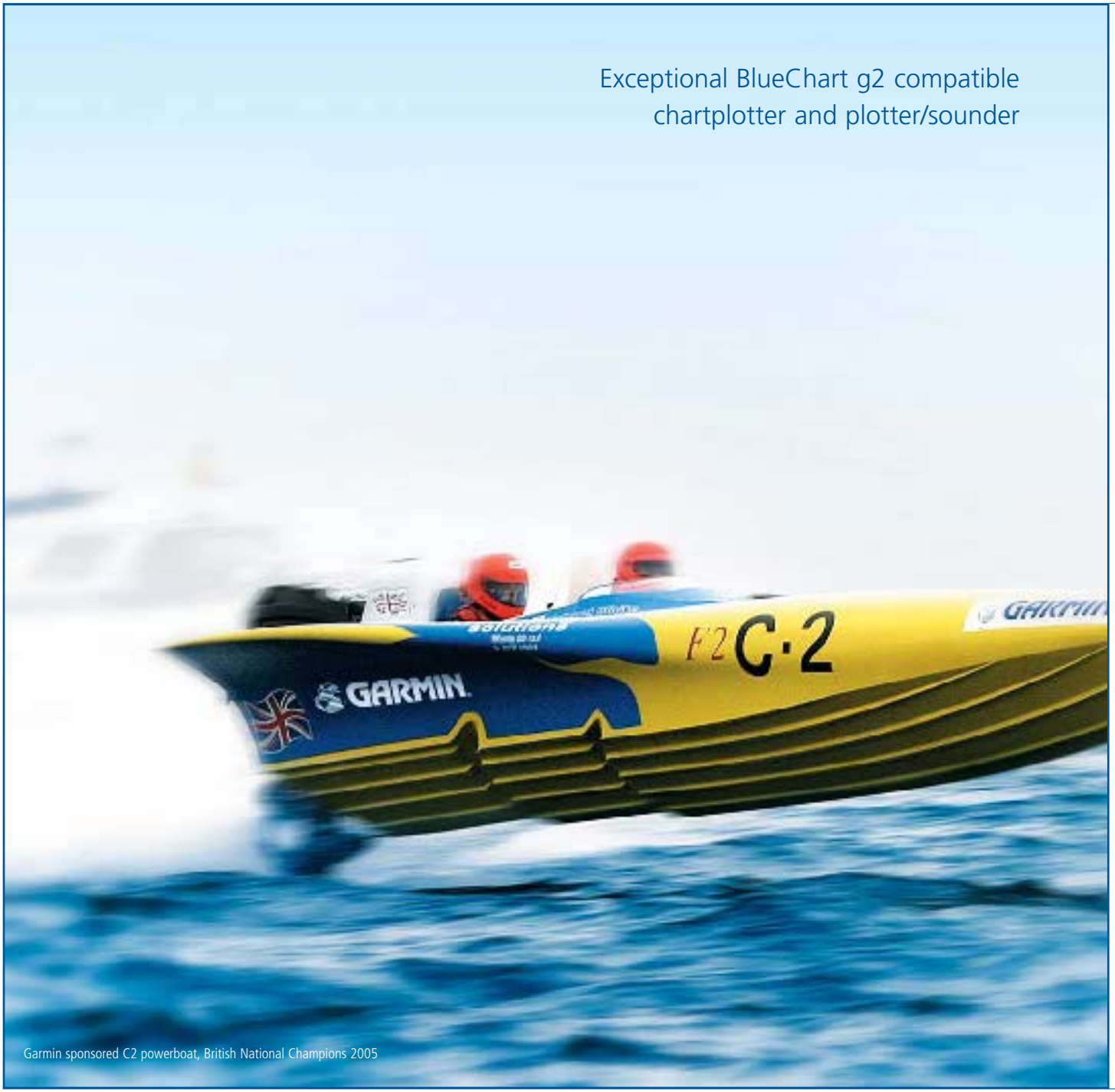
BlueChart detail (178)

Package Includes:

GPSMAP 178/178C Sounder, Remote antenna with 30' cable or integrated GPS sensor, Power/data cable, 1-knob, adjustable tilt and swivel mount, User's manual, Quick-start guide

BlueChart® compatible
submersible IEC 60529 IPX7
WAAS EGNOS enabled

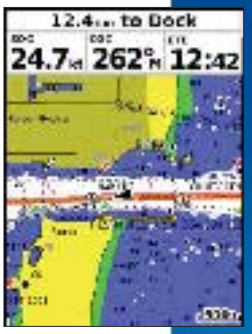
Exceptional BlueChart g2 compatible
chartplotter and plotter/sounder



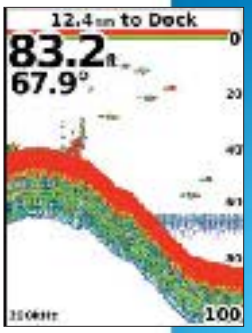
Garmin sponsored C2 powerboat, British National Champions 2005

GPSMAP 292/298 Sounder

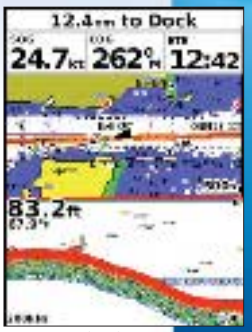
- Compatible with the latest BlueChart® g2 cartography
- Enhanced worldwide basemap depicts shorelines, roads and surface features in richer detail
- 12.7 cm diagonal colour TFT screen
- 234 x 320 pixels
- New tilt/swivel bracket
- CANet® for high-speed data from remote mount sounders or combo products
- Compatible with DSC radios
- Size: 16 cm W x 15.7 cm H
- 298 Sounder - higher performance 50/200 kHz sounder with Ultrascroll; 500 watts (RMS) power; exclusive See-Thru® technology



BlueChart detail



Sonar screen (298)



Split screen (298)

Package Includes:

GPSMAP 198/198C Sounder, Remote antenna with 30' cable or integrated GPS sensor, Power/data cable, 1-knob, adjustable tilt and swivel mount, User's manual, Quick-start guide

BlueChart® g2 compatible · BlueChart® compatible · submersible IEC 60529 IPX7 · WAAS EGNOS enabled

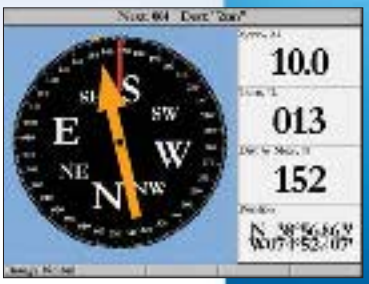
© Hunton Powerboats 2006

GPSMAP 2106/2110

- Large-format TFT colour display
- Compatible with BlueChart® g2
- Can be mounted anywhere – from open cockpits to cabin bulkheads
- 640 x 480 pixels
- CANet® for highspeed data from remote sounders or combo products
- Waterproof to IEC 60529 IPX7
- 2006C - 16.2 cm diagonal screen, 26 cm W x 16.5 cm H
- 2010C - 26.5 cm diagonal screen, 32.2 cm W x 22.3 cm H

BlueChart detail

Big numbers feature



Compass screen

Package Includes:

GPS 17N external remote sensor, Power/data cable, Bail mount Template for flush mounting, Protective front cover, Owner's manual, Quick reference guide

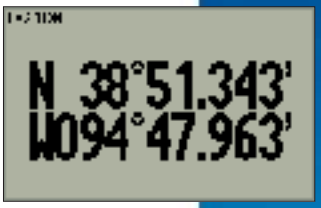
BlueChart g2 compatible · BlueChart compatible · submersible IEC 60529 IPX7 · WAAS EGNOS enabled

A low-cost solution

in fixed-mount GPS

GPS 152

- Basic marine navigation
- Compact, fixed mount design
- 500 waypoints & 20 routes
- Automatic track log
- Trip computer: current & average speed, time for sunrise/sunset, max speed, trip timer and distance
- Audible alarms
- Size: 13.4cm W x 12.5cm H



Big numbers display

3D Graphics guidance

Map

Package Includes:

GPS 152 receiver, GA 29 low-profile remote marine antenna (or internal GPS antenna), Gimbal mount, Power/data cable, Owner's manual, Quick reference guide

submersible
IEC 60529 IPX7

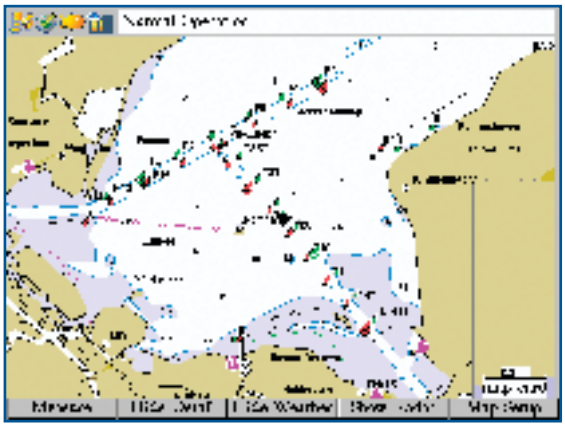
BlueChart

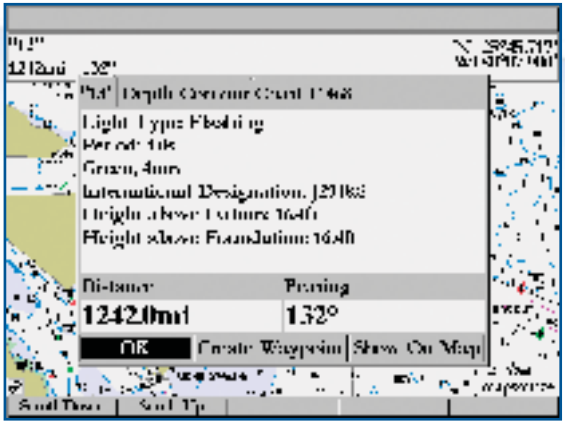
Garmin's exclusive marine cartography, BlueChart®, works in seamless integration with the plotters featured here. These detailed electronic nautical charts look just like paper charts, when displayed on your Garmin chartplotter. Features include shading between depth contours, spot soundings, navaids, port plans, wrecks, obstructions, intertidal zones, restricted areas and more. BlueChart cartography is object-oriented, which means you can pan to an object on the map and instantly view information about that point.

Similar to BlueChart g2; with BlueChart cartography, map areas are shaded just like on paper charts, allowing you to instantly identify intertidal zones, depth contours and more.

BlueChart cartography is offered in two forms – preprogrammed micro data cards or MapSource® CD-ROMs. MapSource CDs contain detailed maps that can be downloaded to blank data cards or directly to units with PC interfaces.

A variety of CDs offer enhanced mapping detail that includes offshore cartography, fishing information, inland features, topographic maps, locations of services and attractions, and much more.





Marine networking

Plug into the power of Garmin high-speed nautical networking, integrating multiple plug & play components to bring radar, sonar, GPS position data, detailed cartography, video and more, right to your chartplotter screen.

Garmin marine network is simple: Decide on which features you'd like and where you'd like to see them. Then simply plug them in

No need for complicated network programming or high-tech expertise: Plug in and the GPSMAP 3000 series will automatically detect your desired components.

Expand your horizons: Connect up to 5 separate sensors and displays into one networked system with the 100-megabit GMS 10 Network Port Expander

network capable

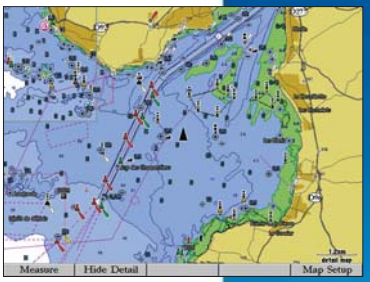
GARMIN
49.3ft
60.9ft

The power of networking
comes to your screen

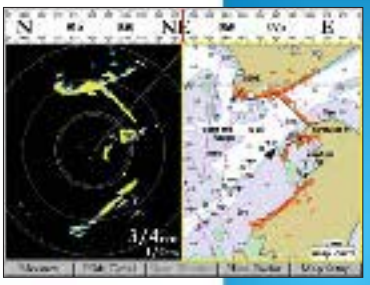
Remote control included

GPSMAP 3006C/3010C

- High-speed RISC processor and graphics controller for fast screen redraw
- 16.2cm (3006c), 26.4cm -diagonal (3010c) colour TFT, full VGA, sunlight-readable display
- Dual card slots; accepts data cards programmed with Garmin's BlueChart® or BlueChart g2 cartography
- Three data ports allow for NMEA 0183 and proprietary Garmin
- 4000 waypoints and 50 routes
- 10,000 point automatic track log; 15 saved tracks let you retrace your path in both directions; 700 points/saved track
- Two composite video inputs for on-board cameras; 1 VGA PC monitor video output
- Add sonar with optional GSD 21/22 remote sounder
- Audible alarms
- 3006c unit dimensions - 26cm W x 16.5cm H
- 3010c unit dimensions - 32.2 W x 22.3cm H



BlueChart detail



Radar/map split

View Sounder, Video, Mapping

Package Includes:

GPSMAP 3006C/3010C, GPS 17 WAAS-enabled sensor, A/V cable, Power/data cable, Bailmount, Unit cover, Installation manual, Owner's manual

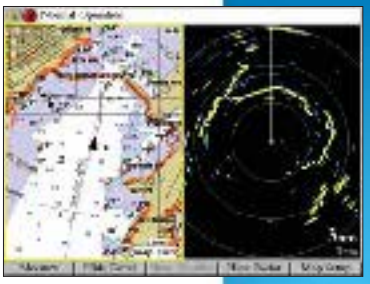
BlueChart g2 compatible | BlueChart compatible | network capable | submersible IEC 60529 IPX7 | WAAS EGNOS enabled | MarineUpdater

Network connectivity
in an affordable package

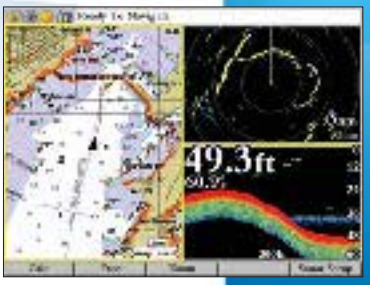
GPSMAP 3005

- High-speed RISC processor and graphics controller for fast screen redraw
- 12.5cm -diagonal colour TFT, full VGA, sunlight-readable display
- Single card slots; accepts data cards programmed with Garmin's BlueChart® or BlueChart g2 cartography
- Three data ports allow for NMEA 0183 and proprietary Garmin
- 4000 waypoints and 50 routes
- 10,000 point automatic track log; 15 saved tracks let you retrace your path in both directions; 700 points/saved track
- Add sonar with optional GSD 21/22 remote sounder
- Audible alarms
- 3005c unit dimensions - 19.7cm W x 12.1cm H

BlueChart detail



Map/radar split



View map, radar, sonar and more

Package Includes:

GPSMAP 3005C, Basemap: Worldwide Marine, GPS 17 WAAS-enabled sensor, Power/data cable, Bail mount, Unit cover

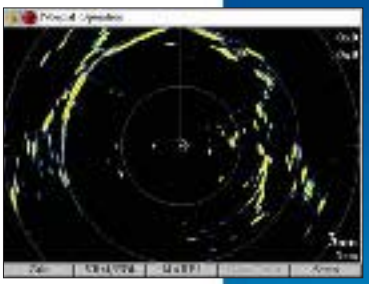
BlueChart g2 compatible | BlueChart compatible | network capable | submersible IEC 60529 IPX7 | WAAS EGNOS enabled | MarineUpdater

Steering clear of trouble

just got easier

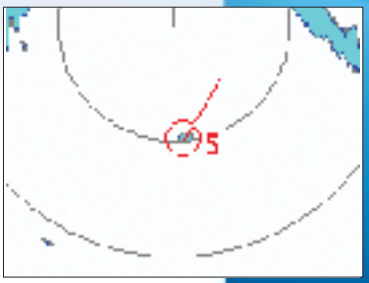
GMR 20/40

- X-band digital colour radars
- Automated tuning and simple "plug-and-play" installation
- Overlay radar information onto charts – plus MARPA target tracking
- 3.6° beamwidth
- 24 RPM antenna sweep
- Power input: 10-35 V DC, 25W
- Max. Range: GMR 20 – 24 nm; GMR 40 – 36 nm
- Min. Range: 20 meters
- Weight: 11.3 kg and 3.6 kg



Radar screen

Radar overlayed on map



MARPA
(Mini Automatic
Radar Plotting Aid)

Package Includes:

GMR 20 radar unit, Mount hardware kit, Power/marine network cable (15 meters), Cable grommet, Installation manual, Owner's manual

network capable

submersible IEC 60529 IPX7

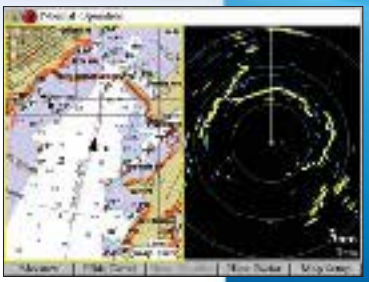
Plug in to the power of the
Garmin Marine Network™

GMS 10

- Network Port Expander – the "nerve centre" of the Garmin Marine Network
- 100-megabit switch supports connection of up to 5 sensors and displays
- Plug-and-play: Automatically detects peripherals upon connection
- Ethernet-like data transfer speeds
- Completely waterproof connections
- Uses same standard data cable to plug additional units and displays into the GMS 10 network ports

Peripherals are automatically detected in te Network upon connection

Map, video and sonar



Map and radar

Package Includes:

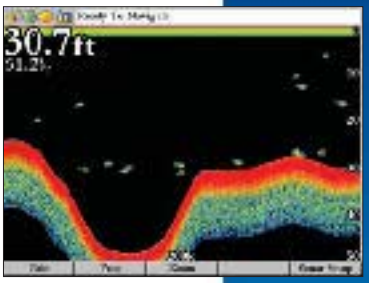
GMS 10, Mounting hardware, RJ45 cable (6 feet), Power/data cable (7 feet)

submersible
IEC 60529 IPX7

Add another dimension
to your chartplotter view

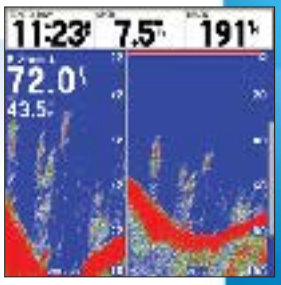
GSD 21/22

- GSD 21 - New analog receiver
- GSD 22 - Powerful 2kW digital receiver
- Adds sounder capabilities to your Garmin chartplotter
- GSD 22 – uses serial connection (no Ultrascroll™) or CANet™
- GSD 21 – connects through NMEA/Serial or CANet
- Fast sounder display scrolling with Ultrascroll™ technology
- Delivers excellent target and bottom definition
- GSD 21 – 500 watts analog (RMS) power with dual frequency transducer, 1,500' maximum depth
- GSD 22 – up to 2 kW digital sounder output (depending on transducer), 5,000' maximum depth
- Size: 12.2 cm W x 17 cm H



Sonar on a GPSMAP 3000 series

Sonar on a GPSMAP 276C



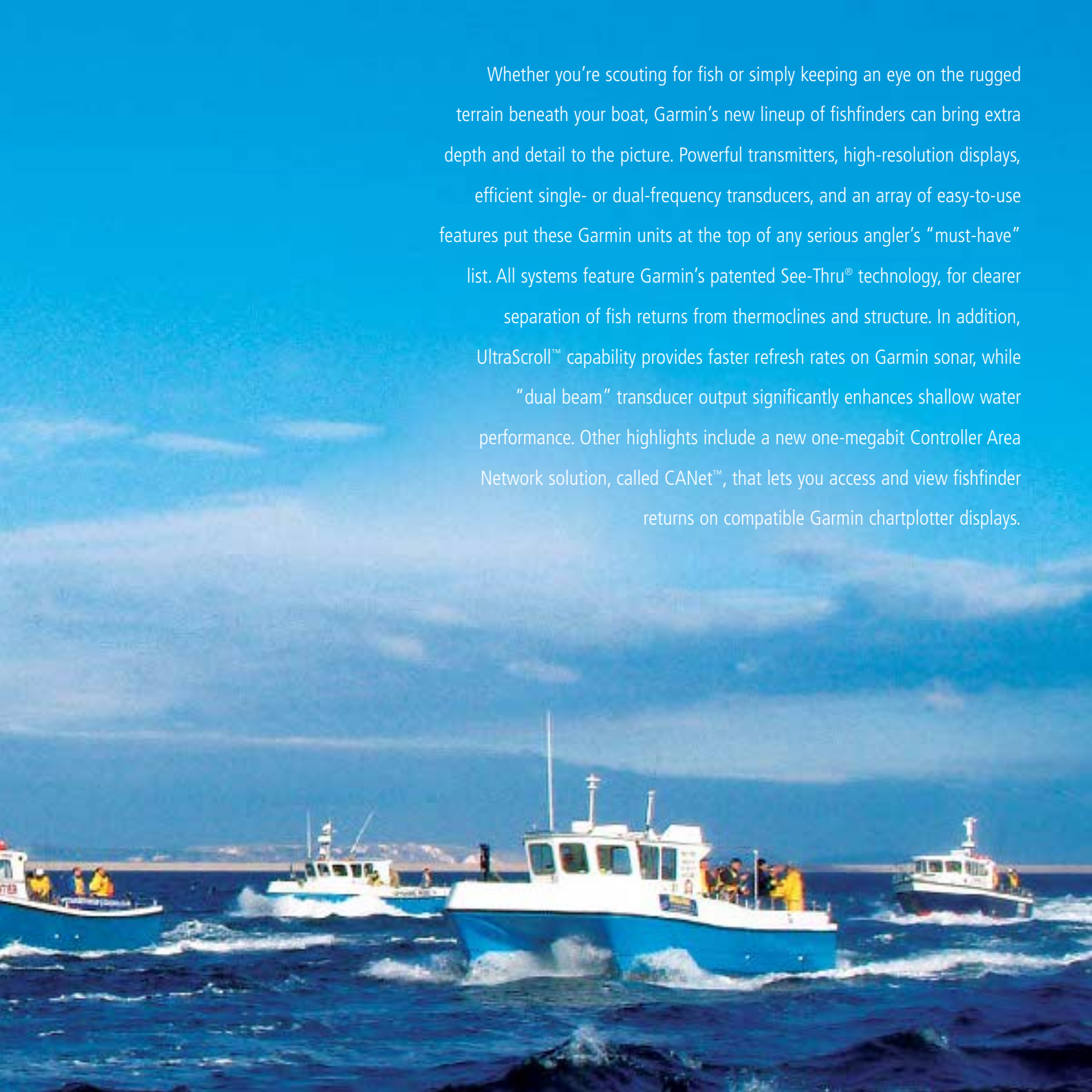
Split screen sonar on a GPSMAP 172C

network capable

submersible IEC 60529 IPX7

Fishfinders

Whether you're scouting for fish or simply keeping an eye on the rugged terrain beneath your boat, Garmin's new lineup of fishfinders can bring extra depth and detail to the picture. Powerful transmitters, high-resolution displays, efficient single- or dual-frequency transducers, and an array of easy-to-use features put these Garmin units at the top of any serious angler's "must-have" list. All systems feature Garmin's patented See-Thru® technology, for clearer separation of fish returns from thermoclines and structure. In addition, UltraScroll™ capability provides faster refresh rates on Garmin sonar, while "dual beam" transducer output significantly enhances shallow water performance. Other highlights include a new one-megabit Controller Area Network solution, called CANet™, that lets you access and view fishfinder returns on compatible Garmin chartplotter displays.



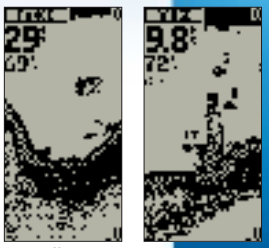
Preview your catch
at an affordable cost

Fishfinder 90/140

- Simple, entry-level sonar
- Features Ultrascroll™ for fast screen updates
- Dual beam transducer operation for better fish presentation in shallow water
- Wide viewing angle (45°) lets you see fish off the sides of the boat
- 90 – 64 x 128 pixels; b&w FSTN display; 100 watts (RMS) power; 80/120 kHz (45°/14°), dual beam; Size: 11.9 cm W x 12.4 cm H
- 140 – 128 x 240 pixels; b&w FSTN display; 100 watts (RMS) power; 80/120 kHz (45°/14°), dual beam; Size: 15.5 cm W x 12.5 H

Fish in cover

Big numbers feature

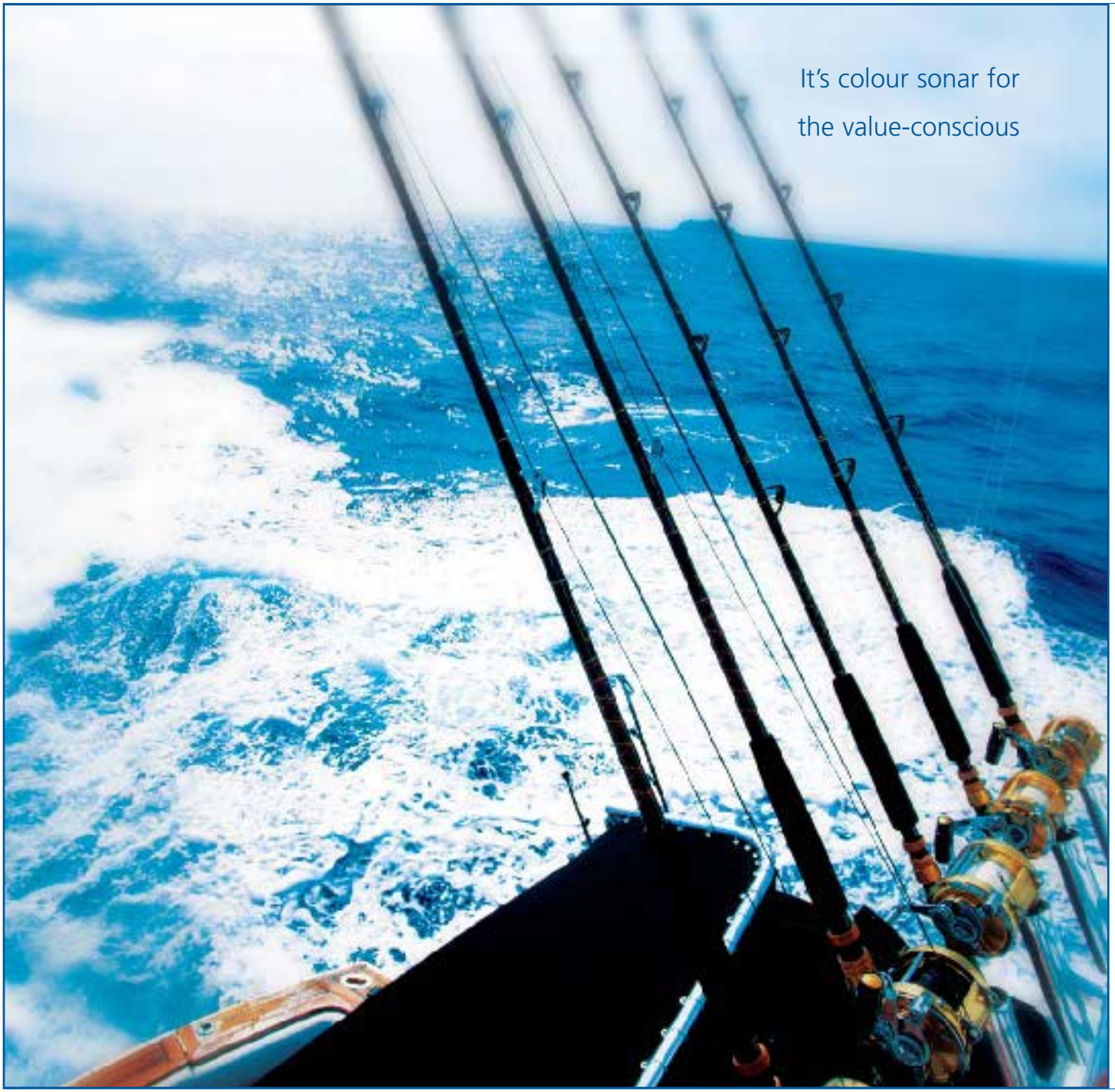


Drop off and structure

Package Includes:

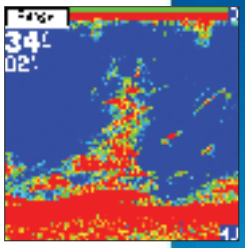
Fishfinder 90/140, unit cover, single knob tilt mount, flush mount hardware, 6' power/20' transducer cable, trolling motor/transom mount transducer, owner's manual

submersible
IEC 60529 IPX7

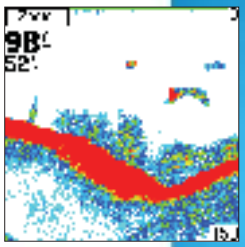

It's colour sonar for
the value-conscious

Fishfinder 160C

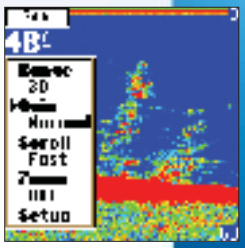
- Affordable colour sonar option for recreational fishermen
- Bright, sunlight-readable colour display
- Dual beam transducer operation for improved shallow water performance
- Ultrascroll™ high-rep-rate sonar
- Depth: 900 ft.
- See-Thru® technology separates fish from thermoclines and structure
- 128 x 128 pixels
- 150 watts (RMS) power
- 80/120 kHz (45°/14°), dual beam
- Size: 15.5 cm W x 12.4 cm H



Fish near structure



White background



Range Adjustment

Package Includes:

Fishfinder 160C, unit cover, single knob tilt/swivel mount, 6' power/20' transducer cable, trolling motor/transom mount transducer, owner's manual

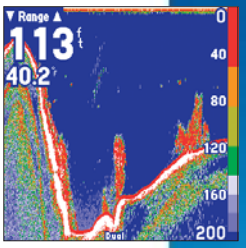
submersible
IEC 60529 IPX7

Mono or colour,

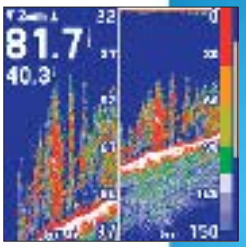
you'll see fish more clearly

Fishfinder 250/250C

- Freshwater or saltwater use
- Choose sunlight-readable colour or monochrome display
- Max. depth: 1500 ft.
- See-Thru® technology separates fish from thermoclines and structure
- Auto gain for detailed images of structure and bottom densities
- High resolution, 320 x 320 pixels
- 500 watts (RMS) power using dual frequency transducer
- 50/200 kHz (40°/10°) or 200 kHz (20°)
- Quick-release tilt swivel mount
- Size: 15.5 cm W x 12.4 cm H



Thermocline



Split-screen zoom

Big numbers feature

Package Includes:

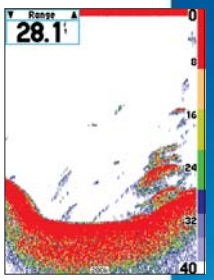
Fishfinder 250, Swivel mounting bracket, Transom mount/trolling motor transducer, Power cable, Unit cover, Owner's manual
Fishfinder 250C, Swivel mounting bracket, Wiring adapter cable, Transom mount/trolling transducer, Speed sensor, Power cable, Unit cover, Owner's manual

submersible
IEC 60529 IPX7

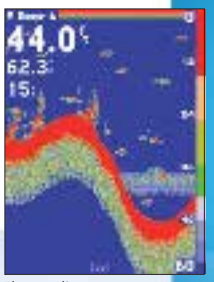
Get a clearer picture of
what's under your boat
PRO-LINE

Fishfinder 340C

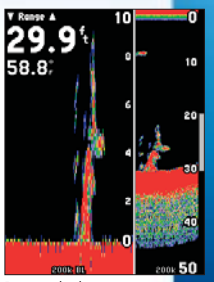
- Ideal for freshwater or saltwater
- 12.7 cm diagonal colour display
- Max. depth: 1500 ft. (dual freq.)
- See-Thru® technology
- Ultrascroll™ for fast screen updates
- New AutoGain technology to see more fish
- CANet® for highspeed connection to provide sounder data to compatible chartplotters
- Dual-frequency (saltwater) or dual-beam (freshwater)
- High resolution, 240 x 320 pixels
- 500 watts (RMS) power using dual frequency transducer
- Size: 16.0 cm W x 15.7 cm H



Channel and structure



Thermocline



Bottom lock

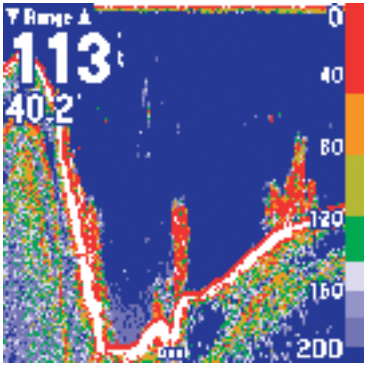
Package Includes:

Fishfinder 340C, unit cover, quick release tilt/swivel mount, 6' power/20' transducer cable, owner's manual

submersible
IEC 60529 IPX7

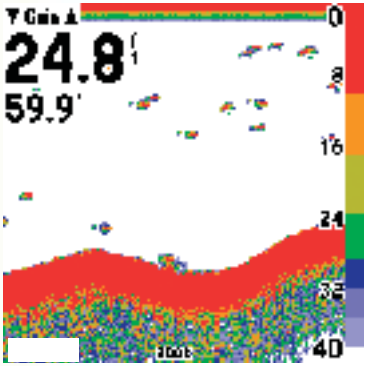
New sounder technology
gives Garmin the edge

New sounder technology (available in the 140, 160C and 340C or using a GSD 21/22 with a compatable Garmin chartplotter)



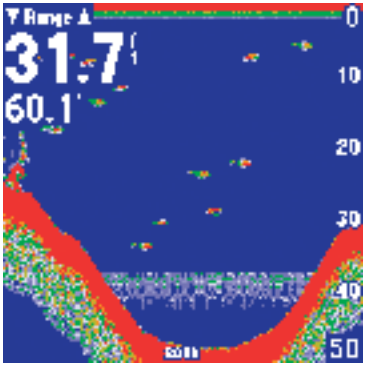
Ultrascroll™

Garmin's Ultrascroll™ technology provides a much faster repetition rate of transducer firing – enabling boaters to see faster screen updates to better pinpoint targets on their sonar displays.



Dual Beam

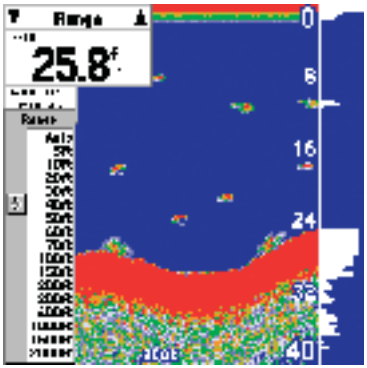
A boon to freshwater anglers, dual beam technology enables a single transducer to work at two different frequencies – thus providing improved performance in shallow water (as little as a foot deep), while the wider beamwidth makes it easier to target fish off the sides of the boat.



See-Thru® technology

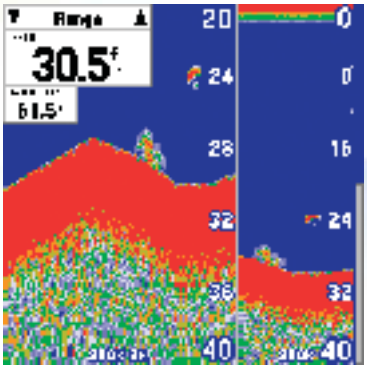
See-Thru technology allows the fishfinder to hear both weak and strong signals simultaneously. This helps you identify fish returns when they're suspended in thermoclines or even hiding near structure.

Features common to all Garmin Fishfinders



Range adjustment

Here, the user is manually adjusting the range to the 50-foot scale. The far right side shows the flasher feature, which displays real-time sonar for easy target detection.



Zoom

When the fish are holding tight to the bottom, use the zoom feature to find them. The 2x or 4x zoom on a full or split screen (shown) is the perfect setting to use.

Customize

This screen shows how a user can adjust the unit's alarms to signal conditions such as fish by size, shallow water, deep water.

Get better detail and reach greater depths

If you want the deepest sonar readings possible without sacrificing bottom detail, check out Gamin's line of dual frequency transducers, which give you the option of low and high frequency operation. When paired with Garmin sounder products, you'll see better resolution and detail on the high frequency setting. Operating on the lower frequency, you'll get deeper readings, which is ideal for offshore fishing. Garmin's dual frequency transducers are available in a variety of installation types, so you're sure to find the one that fits your boat and your application.

Transom transducers

Part number: 010-10272-00

Usage:	Outboard, inboard/outboard or jet-powered boats; Fiberglass, aluminum, wood or inflatable hulls
Beam width:	15/45°
Function:	Depth and temp.
Op. frequency:	50/200 kHz
Material:	Plastic

Part number: 010-10192-01

Usage:	Outboard, inboard/outboard or jet-powered boats; Fiberglass, aluminum, wood or inflatable hulls
Beam width:	12/45°
Function:	Depth, temp. and speed
Op. frequency:	50/200 kHz
Material:	Plastic

In-hull adjustable deadrise transducer

Part number: 010-10327-00

Usage:	Non-cored bottom fiberglass hull, planing powerboats or sailboats
Beam width:	12/45°
Function:	Depth
Op. frequency:	50/200 kHz
Material:	Plastic

Part number: 010-10445-00

Usage:	Inboard boats, high speed planing hull powerboats or sailboats; wood hulls; aluminum hulls must isolate bronze housing
Beam width:	6/19°
Function:	Depth
Op. frequency:	50/200 kHz
Material:	Bronze; includes mounting tank
Power:	1kw

Transducer accessories

Optional:	10 ft. extension cable
	20 ft. extension cable
	Temperature sensor
	Speed sensor
	Fairings

Thru-hull transducers

Part number: 010-10194-00

Usage: Inboard boats, high speed planing hull powerboats or sailboats
Beam width: 12/45°
Function: Depth
Op. frequency: 50/200 kHz
Material: Plastic

Part number: 010-10182-00

Usage: Inboard boats, high speed planing hull powerboats or sailboats; wood hulls; aluminum hulls must isolate bronze housing
Beam width: 12/45°
Function: Depth
Op. frequency: 50/200 kHz
Material: Bronze

Part number: 010-10183-01 (normal stem)

Usage: Inboard boats, high speed planing hull powerboats or sailboats; wood hulls; aluminum hulls must isolate bronze housing
Beam width: 12/45°
Function: Depth, temp and speed
Op. frequency: 50/200 kHz
Material: Bronze; includes fairing block

Part number: 010-10193-01 (long stem)

Usage: Inboard boats, high speed planing hull powerboats or sailboats; wood hulls; aluminum hulls must isolate bronze housing
Beam width: 12/45°
Function: Depth, temp and speed, fairing
Op. frequency: 50/200 kHz
Material: Bronze; includes fairing block

Part number: 010-10443-00

Usage: Inboard boats, high speed planing hull powerboats or sailboats; wood hulls; aluminum hulls must isolate bronze housing
Beam width: 14/23°
Function: Depth
Op. frequency: 50/200 kHz
Material: Bronze; includes fairing block
Power: 1kw

Part number: 010-10451-00

Usage: Inboard boats, high speed planing hull powerboats or sailboats; wood hulls; aluminum hulls must isolate bronze housing
Beam width: 6/19°
Function: Depth
Op. frequency: 50/200 kHz
Material: Bronze; includes fairing block
Power: 1kw

010-10482-00
Handlebar mount bracket

010-10557-00
Velcro Wrist & Expander strap

010-10484-00
PC Interface Cable

010-10496-00
Large diameter rail mount adapter

Foretrex 101	•	•	•	•
Foretrex 201	•	•	•	•

010-10314-00
Carry case

010-10349-00
Belt clip

010-10354-00
Marine mount

010-10481-00
Carabiner button clip

010-10203-00
Cigarette lighter adapter

010-10205-00
Data cable (bare data wires)

010-10206-00
PC interface cable (RS232 serial port connector)

010-10268-00
PC interface cable with cigarette lighter adapter

eTrex	•	•	•	•	•	•	•	•

010-10564-01
Auto Navigation Kit - portable mount, bracket and 12v cigarette lighter adapter

010-10563-00
Cigarette lighter adapter

eTrex Legend/Vista Cx	•	•

Same accessories as eTrex, Plus:

No image available

010-10277-02
UK A/C PC adapter

010-10082-00
Power/data cable (bare wires)

010-10117-02
Carry case

010-10300-00
Marine mount

010-10086-00
Data cable (bare data wires)

010-10142-00
Data transfer cable (unit to unit)

010-10509-01
Auto-motive navigation pack

GPS 72	•	•	•	•	•	•		
GPSMAP 76	•	•	•	•	•	•	•	
GPSMAP 76S	•	•	•	•	•	•	•	

010-10549-00
Marine Navigation accessory pack

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010-10277-02
UK A/C PC adapter

010-10142-00
Data transfer cable (unit to unit)

010-10165-00
PC interface cable with cigarette lighter adapter

010-10455-00
Marine mount

010-10082-00
Power/ data cable (bare wires)

010-10086-00
Data cable (bare data wires)

010-10578-00
Carry case

GPS 60		•	•	•	•	•		•
GPSMAP 60Cx	•	•	•	•	•	•	•	•
GPSMAP 60CSx	•	•	•	•	•	•	•	•

010-10510-01
Automotive navigation pack, European (128MB)

010-10510-03
Automotive navigation pack, European (256MB)

No image available

010-10275-02
UK A/C PC adapter, 7-pin

010-10447-02
Flush mount kit

010-10514-00
PC data cable, mini 9-pin to PC 9-pin serial

010-10208-00
Cigarette lighter adapter

010-10209-00
Power/data cable (010-10210-00 & 010-10083-00)

010-10210-00
Retro-fit cable, for older 7-pin style power/data cable

GPSMAP 276C	•	•	•	•	•	•	•	•

010-10196-00
2nd Mounting station

010-10447-02
Flush mount kit

No image available

010-10521-00
Power/data cable, 18-pin, for GPSMAP 172 series

No image available

010-10529-00
Power/data cable, 18-pin, for GPSMAP 178 series

010-10083-00
Power/data cable (bare wires)

010-10209-00
Power/data cable (010-10210-00 & 010-10083-00)

010-10150-00
PC interface cable

GPSMAP 172C	•	•	•	•	•	•	•	•
GPSMAP 178C	•	•	•	•	•	•	•	•

010-10276-01
Euro A/C PC adapter, 18-pin

No image available

010-10605-00
Marine data management kit

010-10312-00
2nd Mounting station,

010-10313-00
Power/data cable (bare wires)

Marine Network	•	•	•	•
GPSMAP 3005C	•	•	•	•
GPSMAP 3006C	•	•	•	•
GPSMAP 3010C	•	•	•	•

010-10550-00
6ft (~1.9m) Marine network cable

010-10551-00
20ft (~6.1m) Marine network cable

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010-10552-00
40ft (~12.2m) Marine network cable

No image available

010-10603-00
Marine network cable connector RJ45, 2-pack

No image available

010-10603-01
Marine network cable connector RJ45, 10-pack

No image available

101-10647-00
300ft Bulk, Marine network cable, RJ45

No image available

101-10647-01
500ft Bulk, Marine network cable, RJ46

GMR 20	•	•	•	•	•	•	•
GMR 40	•	•	•	•	•	•	•

	010-10254-00 Portable carrying case (includes eight D-cell battery holder)	010-10434-00 **Protective cover**	010-10447-00 Flush Mount kit	
Fishfinder 90	•	•	•	
	010-10440-01 Marine swivel mounting bracket (replacement)	010-10254-00 Portable carrying case (includes 010-10253-00 and eight D-cell battery holder)	010-10447-01 Flush mount kit	
Fishfinder 140	•	•	•	
	010-10276-02 UK A/C PC adapter, 18-pin	010-10447-01 Flush mount kit	010-10145-00 Power/data cable (bare wires)	
Fishfinder 250	•	•	•	
Fishfinder 250C	•	•	•	
	010-10275-02 UK A/C PC adapter, 7-pin	010-10356-00 2nd Mounting station	010-10357-00 Gimbal mounting bracket	010-10083-00 Power/data cable (bare wires)
Fishfinders 340C	•	•	•	•

Comparison Chart - Chartplotter/Sounders, Marine Netork

	GPSMAP 276C	GPSMAP 172	GPSMAP 178	GPSMAP 292	GPSMAP 298	GPSMAP 2106C	GPSMAP 2110C	GPS 152	GPSMAP 3010	GPSMAP 3006	GPSMAP 3005						
CANnet Compatible				•	•	•	•										
Network Compatible									•	•	•						
External Antenna	•	•	•	•	•	•	•		•	•	•						
Swivel Mount	•	•	•	•	•												
Built-in Sounder			•		•												
Color Screen	•	•	•	•	•	•	•		•	•	•						
BlueChart	•	•	•	•	•	•	•		•	•	•						
BlueChart g2				•	•	•	•		•	•	•						
NMEA	•	•	•	•	•	•	•	•	•	•	•						
Waterproof	•	•	•	•	•	•	•	•	•	•	•						
See-Thru			•		•												
Auto gain		•	•	•	•												

Comparison Chart - Fishfinders

	Fishfinder 90	Fishfinder 140	Fishfinder 160C	Fishfinder 250	Fishfinder 250C	Fishfinder 340											
See-Thru Technology	•	•	•	•	•	•											
Dual Frequency				•	•	•											
Single Frequency	•	•	•														
Ultrascroll™	•	•	•	•		•											
CANet compatable			•			•											
Monochrome	•	•		•													
Color Screen			•		•	•											
Night mode						•											
Waterproof	•	•	•	•	•	•											
Auto gain	•	•	•	•	•	•											
Max Depth (meters)	183	183	274	457	457	457											

For full details go to www.garmin.com

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Comparison Chart - Handheld Products

	Foretrex 101	Foretrex 201	eTrex Legend Cx	eTrex Vista Cx	eTrex	GPS 72	GPS 76	GPSMAP 76	GPSMAP 76S	GPSMAP 76Cx	GPSMAP 76CSx	GPS 60	GPSMAP 60	GPSMAP 60Cx	GPSMAP 60CSx		
Internal memory	•	•			•	•	•	•	•			•	•				
Expandable Memory			•	•						•	•			•	•		
BlueChart compatible			•	•				•	•	•	•			•	•		
Auto routing			•	•						•	•			•	•		
Electronic compass / barametric sltimeter				•					•		•				•		
Connects to external antenna							•	•	•	•	•						
High-sensitivity GPS receiver			•	•						•	•			•	•		
Waterproof IPX7*	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Floats						•	•	•	•	•	•						
NMEA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Battery life approximately in hours	15	15	36	36	22	16	16	16	16	30	30	28	28	30	20		

For full details go to www.garmin.com

Glossary

Auto Gain: For detailed bottom and structure views; adjustable range, gain and zoom; 3-level fish ID; graphic whiteline provides clear image of bottom hardness and structure

WAAS EGNOS enabled — This is a system of satellites and ground stations that provide GPS signal corrections, giving you even better position accuracy

MarineUpdater — This is a Windows-based PC application which works in conjunction with a Garmin USB card reader, a Garmin data card, and an Internet connection to generate software update cards for your fixed-mount Garmin marine products.

submersible IEC 60529 IPX7 — This is a European system of test specification standards for classifying the degrees of protection provided by the enclosures of electrical equipment. An IPX7 designation means the GPS case can withstand accidental immersion in one meter of water for up to 30 minutes.

For full glossary go to www.garmin.com

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